


		NTSB ID: MIA94IA110		Aircraft Registration Number: N59412	
		Occurrence Date: 04/02/1994		Most Critical Injury: None	
		Occurrence Type: Incident		Investigated By: NTSB	
Location/Time					
Nearest City/Place ORLANDO	State FL	Zip Code 32827	Local Time 1439	Time Zone EST	
Airport Proximity: On Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer BOEING		Model/Series 727-243 /727-243		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On April 2, 1994, about 1439 eastern standard time, a Boeing 727-243, N59412, registered to Wilmington Trust Company Trustee, leased to and operating as Continental Airlines Flight 1447, on a 14 CFR Part 121 scheduled domestic passenger diverted from the planned destination airport, and landed at Orlando International Airport with the left main landing gear in the up position. The airplane sustained minor damage. The airline transport pilot-in-command, first officer, flight engineer, 6 cabin attendants, and 141 passengers exited the airplane down the emergency slide from the left forward door without injury. Visual meteorological conditions prevailed and an IFR flight plan was filed. The flight originated from Newark, New Jersey, about 3 hours 54 minutes before the incident.</p> <p>The airplane came to rest on runway 18R on the left wing leading edge slats, trailing edge flaps, left wing tip, nose tires, and the right main landing gear. Initial examination of the left landing gear system, revealed the left main landing gear door rib attachment fitting had failed preventing the landing gear from extending. Examination of the fitting by the NTSB Materials Laboratory Division, revealed the failure was due to fatigue cracking in the fitting. Review of aircraft records revealed pertinent service bulletins and airworthiness directives pertaining to the fitting had been recorded as having been completed. (For additional information see NTSB Systems Group Chairman's Factual Report, and NTSB Metallurgist's Factual Report).</p> <p>The digital flight data recorder (DFDR) was forwarded to the NTSB Office of Engineering for analysis. Readout of the recorder revealed the unit was working properly, but not receiving valid data from the flight data acquisition unit (FDAU), due to either a failed FDAU or a failed connection between the FDAU and DFDR. (For additional information see NTSB Digital Flight Data Recorder Factual Report).</p> <p>The airplane was released to Continental Airlines on April 5, 1994.</p>					
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		Occurrence Date: 04/02/1994				
		Occurrence Type: Incident				
<b>Landing Facility/Approach Information</b>						
Airport Name ORLANDO INTERNATIONAL		Airport ID: MCO	Airport Elevation 96 Ft. MSL	Runway Used 18R	Runway Length 12004	Runway Width 200
Runway Surface Type: Asphalt						
Runway Surface Condition: Dry						
Approach/Arrival Flown: Visual						
VFR Approach/Landing: Forced Landing; Touch and Go; Traffic Pattern						
<b>Aircraft Information</b>						
Aircraft Manufacturer BOEING		Model/Series 727-243 /727-243		Serial Number 22053		
Airworthiness Certificate(s): Limited (Special); Normal; Transport						
Landing Gear Type: Retractable - Tricycle						
Amateur Built Acft? No		Number of Seats: 158		Certified Max Gross Wt. 175500 LBS	Number of Engines: 3	
Engine Type: Turbo Fan		Engine Manufacturer: P&W		Model/Series: JT8D-9A	Rated Power: 21450 LBS	
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection Continuous Airworthiness		Date of Last Inspection 02/1994	Time Since Last Inspection 299 Hours		Airframe Total Time 34039 Hours	
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed?/Type		ELT Operated?		ELT Aided in Locating Accident Site?		
<b>Owner/Operator Information</b>						
Registered Aircraft Owner  CONTINENTAL AIRLINES		Street Address 2929 ALLEN PARKWAY				
		City HOUSTON		State TX	Zip Code 77021	
Operator of Aircraft  CONTINENTAL AIRLINES		Street Address 2929 ALLEN PARKWAY				
		City HOUSTON		State TX	Zip Code 77021	
Operator Does Business As:				Operator Designator Code: CALA		
<b>- Type of U.S. Certificate(s) Held:</b>						
Air Carrier Operating Certificate(s): Flag Carrier/Domestic						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 121: Air Carrier						
Type of Flight Operation Conducted: Unknown; Scheduled; Domestic; Passenger Only						
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<b>First Pilot Information</b>																																																																																													
Name		City		State	Date of Birth	Age																																																																																							
On File		On File		On File	On File	47																																																																																							
Sex: M	Seat Occupied: Left	Occupational Pilot? Civilian Pilot			Certificate Number: On File																																																																																								
Certificate(s): Airline Transport; Commercial																																																																																													
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																													
Rotorcraft/Glider/LTA: None																																																																																													
Instrument Rating(s): Airplane																																																																																													
Instructor Rating(s): None																																																																																													
Current Biennial Flight Review?																																																																																													
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--no waivers/lim.			Date of Last Medical Exam: 03/1994																																																																																								
<table border="1"> <tr> <th>- Flight Time Matrix</th> <th>All A/C</th> <th>This Make and Model</th> <th>Airplane Single Engine</th> <th>Airplane Multi-Engine</th> <th>Night</th> <th colspan="2">Instrument Actual Simulated</th> <th>Rotorcraft</th> <th>Glider</th> <th>Lighter Than Air</th> </tr> <tr> <td>Total Time</td> <td>14500</td> <td>4000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>13000</td> <td>4000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instruction Received</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>177</td> <td>177</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>53</td> <td>53</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>8</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual Simulated		Rotorcraft	Glider	Lighter Than Air	Total Time	14500	4000									Pilot In Command(PIC)	13000	4000									Instructor											Instruction Received											Last 90 Days	177	177									Last 30 Days	53	53									Last 24 Hours	8	8								
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Seatbelt Used? Yes		Shoulder Harness Used? Yes			Toxicology Performed?		Second Pilot? Yes																																																																																						
<b>Flight Plan/Itinerary</b>																																																																																													
Type of Flight Plan Filed: IFR																																																																																													
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																																								
NEWARK		NJ	EWR	1045	EST																																																																																								
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FT. MYERS		FL	RSW																																																																																										
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Type of Airspace: Class D																																																																																													
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Source of Wx Information:																																																																																													
Commercial Weather Service; Flight Service Station; PATWAS																																																																																													

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WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site																																																																														
MCO	1620	EST	96 Ft. MSL	0 NM	0 Deg. Mag.																																																																														
Sky/Lowest Cloud Condition: Scattered			4900 Ft. AGL	Condition of Light: Day																																																																															
Lowest Ceiling: None			0 Ft. AGL	Visibility: 10 SM	Altimeter: 30.00 "Hg																																																																														
Temperature: 23 °C		Dew Point: 13 °C	Weather Conditions at Accident Site: Visual Conditions																																																																																
Wind Direction: 50		Wind Speed: 12		Wind Gusts:																																																																															
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM																																																																																	
Precip and/or Obscuration:																																																																																			
<b>Accident Information</b>																																																																																			
Aircraft Damage: Minor		Aircraft Fire: None		Aircraft Explosion: None																																																																															
<table border="1"> <thead> <tr> <th>- Injury Summary Matrix</th> <th>Fatal</th> <th>Serious</th> <th>Minor</th> <th>None</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>First Pilot</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> </tr> <tr> <td>Second Pilot</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> </tr> <tr> <td>Student Pilot</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flight Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Check Pilot</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flight Engineer</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> </tr> <tr> <td>Cabin Attendants</td> <td></td> <td></td> <td></td> <td>6</td> <td>6</td> </tr> <tr> <td>Other Crew</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Passengers</td> <td></td> <td></td> <td></td> <td>141</td> <td>141</td> </tr> <tr> <td>- TOTAL ABOARD -</td> <td></td> <td></td> <td></td> <td>150</td> <td>150</td> </tr> <tr> <td>Other Ground</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>- GRAND TOTAL -</td> <td>0</td> <td>0</td> <td>0</td> <td>150</td> <td>150</td> </tr> </tbody> </table>						- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	First Pilot				1	1	Second Pilot				1	1	Student Pilot						Flight Instructor						Check Pilot						Flight Engineer				1	1	Cabin Attendants				6	6	Other Crew						Passengers				141	141	- TOTAL ABOARD -				150	150	Other Ground	0	0	0		0	- GRAND TOTAL -	0	0	0	150	150
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL																																																																														
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Other Ground	0	0	0		0																																																																														
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NTSB ID: MIA94IA110

Occurrence Date: 04/02/1994

Occurrence Type: Incident

## Administrative Information

Investigator-In-Charge (IIC)

CARROL A. SMITH

Additional Persons Participating in This Accident/Incident Investigation:

EMANUEL SYLVIA  
ORLANDO, FLLOUIS FABIANO  
ORLANDO, FLEDWARD TOMLINSON  
SEATTLE, WA